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**AMENDMENTS TO THE CLAIMS** 

1-25. (Cancelled)

26. (Currently Amended): A thermoplastic multilayer composite in the form of a hollow

body having a hollow inner space, said hollow body comprising an inner radially exposed

surface and an outer radially exposed surface, the hollow body comprising an inner layer

providing the inner radially exposed surface, an intermediate layer, as well as an outer layer

providing the outer radially exposed surface,

wherein the inner layer is located immediately adjacent to the intermediate layer and the

inner radially exposed surface is immediately adjacent to and defining the hollow inner space,

and wherein the intermediate layer is located immediately adjacent to the outer layer,

wherein the inner layer comprises is consisting of a mixture of different polyamide

homopolymers and a compatibilizer, said compatibilizer (1) being selected from the group

consisting of: impact strength modifiers, elastomers and rubbers and (2) having no ethylene/vinyl

alcohol-copolymer,

wherein the intermediate layer comprises is consisting of ethylene/vinyl alcohol-

copolymer, and

wherein the outer layer comprises is consisting of a mixture of different polyamide-

homopolymers and a compatibilizer, said compatibilizer (1) being selected from the group

consisting of: impact strength modifiers, elastomers and rubbers and (2) having no ethylene/vinyl

alcohol-copolymer.

27. (Previously Presented): A thermoplastic multilayer composite according to claim 26,

wherein the inner layer is made of a mixture of at least two components,

wherein the first component is a polyamide-homopolymer selected from the group

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consisting of polyamide 6 and polyamide 66, and

wherein the second component is a polyamide-homopolymer selected from the group consisting of polyamide 12, polyamide 11, polyamide 1010, polyamide 1212 and polyamide 1012.

28. (Previously Presented): A thermoplastic multilayer composite according to claim 27, wherein the first component is polyamide 6.

29. (Previously Presented): A thermoplastic multilayer composite according to claim 28, wherein the second component is polyamide 12.

30. (Previously Presented): A thermoplastic multilayer composite according to claim 27, wherein the inner layer is produced at a compounding temperature of at most 280°C and at an extrusion temperature of at most 280°C.

31. (Previously Presented): A thermoplastic multilayer composite according to claim 30, wherein the compounding temperature, or the extrusion temperature, or both the compounding temperature as well as the extrusion temperature, are at most 250°C.

- 32. (Previously Presented): A thermoplastic multilayer composite according to claim 31, wherein the compounding temperature, or the extrusion temperature, or both the compounding temperature as well as the extrusion temperature are in a range between 230°C to 240°C.
- 33. (Previously Presented): A thermoplastic multilayer composite according to claim 27, wherein the weight ratio of the first component to the second component is in a range between 2:3 to 3:2.

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34. (Previously Presented): A thermoplastic multilayer composite according to claim 33,

wherein the weight ratio of the first component to the second component is in a range between

2:3 to 1:1.

35. (Previously Presented): A thermoplastic multilayer composite according to claim 26,

wherein the inner layer comprises a compatibilizer in a proportion up to 30 parts in weight, with

reference to the total of parts in weight of polyamides and compatibilizer.

36. (Previously Presented): A thermoplastic multilayer composite according to claim 35,

wherein the proportion of the compatibilizer is up to 20 parts in weight.

37. (Previously Presented): A thermoplastic multilayer composite according to claim 36,

wherein the proportion of the compatibilizer is in the range of 5-15 parts in weight.

38. (Cancelled)

39. (Currently Amended): A thermoplastic multilayer composite according to claim 38

26, wherein the compatibilizer is an acid-modified ethylene/ $\alpha$ -olefin-copolymer.

40. (Previously Presented): A thermoplastic multilayer composite according to claim 26,

wherein the inner layer comprises a compatibilizer in a proportion in the range of 5-35 parts in

weight, with reference to the total of parts in weight of polyamides and compatibilizer.

41. (Previously Presented): A thermoplastic multilayer composite according to claim 40,

wherein the proportion of the compatibilizer is in the range of 8-30 parts in weight.

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42. (Previously Presented): A thermoplastic multilayer composite according to claim 41, wherein the proportion of compatibilizer is in the range of 12-25 parts in weight.

## 43-50. (Cancelled)

51. (Currently Amended): A thermoplastic multilayer composite according to claim 26 A thermoplastic multilayer composite in the form of a hollow body having a hollow inner space, said hollow body comprising an inner radially exposed surface and an outer radially exposed surface, the hollow body comprising an inner layer providing the inner radially exposed surface, an intermediate layer, as well as an outer layer providing the outer radially exposed surface,

wherein the inner layer is located immediately adjacent to the intermediate layer and the inner radially exposed surface is immediately adjacent to and defining the hollow inner space, and wherein the intermediate layer is located immediately adjacent to the outer layer,

wherein the inner layer comprises is consisting of a mixture of (1) different polyamide homopolymers, (2) additives selected from the group: anti-static additives, plasticizers, pigments, stabilizers, flame retardant additives or reinforcement, and (3) a compatibilizer, said compatibilizer (a) being selected from the group consisting of: impact strength modifiers, elastomers and rubbers and (b) having no ethylene/vinyl alcohol-copolymer,

wherein the intermediate layer is consisting of ethylene/vinyl alcohol-copolymer, and
wherein the outer layer is consisting of a mixture of different polyamide-homopolymers
and a compatibilizer, said compatibilizer (a) being selected from the group consisting of: impact
strength modifiers, elastomers and rubbers and (b) having no ethylene/vinyl alcohol-copolymer.

52. A thermoplastic multilayer composite according to claim 26 A thermoplastic multilayer composite in the form of a hollow body having a hollow inner space, said hollow body comprising an inner radially exposed surface and an outer radially exposed surface, the hollow body comprising an inner layer providing the inner radially exposed surface, an

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intermediate layer, as well as an outer layer providing the outer radially exposed surface,

wherein the inner layer is located immediately adjacent to the intermediate layer and the inner radially exposed surface is immediately adjacent to and defining the hollow inner space, and wherein the intermediate layer is located immediately adjacent to the outer layer,

wherein the inner layer emprises is consisting of a mixture of (1) different polyamide homopolymers, (2) at least one electrically conductive additive, and (3) a compatibilizer, said compatibilizer (a) being selected from the group consisting of: impact strength modifiers, elastomers and rubbers and (b) having no ethylene/vinyl alcohol-copolymer,

wherein the intermediate layer is consisting of ethylene/vinyl alcohol-copolymer, and

wherein the outer layer is consisting of a mixture of different polyamide-homopolymers and a compatibilizer, said compatibilizer (a) being selected from the group consisting of: impact strength modifiers, elastomers and rubbers and (b) having no ethylene/vinyl alcohol-copolymer,

wherein the multilayer composite is provided as a tube, and wherein the inner layer comprises a polyamide blend and at least one electrically conductive additive.

## 53. (Cancelled)

54. (Currently Amended): A thermoplastic multilayer composite according to claim 26

A thermoplastic multilayer composite in the form of a hollow body having a hollow inner space,
said hollow body comprising an inner radially exposed surface and an outer radially exposed
surface, the hollow body comprising an inner layer providing the inner radially exposed surface,
an intermediate layer, as well as an outer layer providing the outer radially exposed surface,

wherein the inner layer is located immediately adjacent to the intermediate layer and the inner radially exposed surface is immediately adjacent to and defining the hollow inner space, and wherein the intermediate layer is located immediately adjacent to the outer layer,

wherein the inner layer is consisting of a mixture of (1) different polyamide homopolymers, (2) additives selected from the group: anti-static additives, plasticizers, pigments,

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stabilizers, flame retardant additives or reinforcement, and (3) a compatibilizer, said compatibilizer (a) being selected from the group consisting of: impact strength modifiers, elastomers and rubbers and (b) having no ethylene/vinyl alcohol-copolymer,

wherein the intermediate layer further comprises <u>ethylene/vinyl alcohol-copolymer and</u> additives for improving mechanical properties, <u>and</u>

wherein the outer layer is consisting of a mixture of different polyamide-homopolymers and a compatibilizer, said compatibilizer (a) being selected from the group consisting of: impact strength modifiers, elastomers and rubbers and (b) having no ethylene/vinyl alcohol-copolymer.

- 55. (Previously Presented): A thermoplastic multilayer composite according to claim 54, wherein the additives for improving mechanical properties improve impact strength, stress crack resistance, elongation at break or a combination thereof.
- 56. (Previously Presented): A thermoplastic multilayer composite according to claim 26, wherein the outer layer comprises at least two components, wherein the weight ratio of the first component of the outer layer to the second component of the outer layer is in the range between 2:3 to 3:2.
- 57. (Previously Presented): A thermoplastic multilayer composite according to claim 56, wherein the weight ratio of the first component of the outer layer to the second component of the outer layer is in the range between 2:3 to 1:1.
- 58. (Currently Amended): A thermoplastic multilayer composite according to claim 26 A thermoplastic multilayer composite in the form of a hollow body having a hollow inner space, said hollow body comprising an inner radially exposed surface and an outer radially exposed surface, the hollow body comprising an inner layer providing the inner radially exposed surface, an intermediate layer, as well as an outer layer providing the outer radially exposed surface,

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wherein the inner layer is located immediately adjacent to the intermediate layer and the inner radially exposed surface is immediately adjacent to and defining the hollow inner space, and wherein the intermediate layer is located immediately adjacent to the outer layer,

wherein the inner layer is consisting of a mixture of (1) different polyamide homopolymers, (2) additives selected from the group; anti-static additives, plasticizers, pigments, stabilizers, flame retardant additives or reinforcement, and (3) a compatibilizer, said compatibilizer (a) being selected from the group consisting of: impact strength modifiers, elastomers and rubbers and (b) having no ethylene/vinyl alcohol-copolymer,

wherein the intermediate layer is consisting of ethylene/vinyl alcohol-copolymer, and

wherein the outer layer further comprises is consisting of (1) a mixture of different polyamide-homopolymers, (2) a polyolefin or a thermoplastic elastomer and (3) a compatibilizer, said compatibilizer (a) being selected from the group consisting of: impact strength modifiers, elastomers and rubbers and (b) having no ethylene/vinyl alcohol-copolymer.

## 59. (Cancelled)

- 60. (Previously Presented): A thermoplastic multilayer composite according to claim 26, wherein the polyamide is a mixture of at least two components, and wherein first component of the outer layer is a polyamide-homopolymer selected from the group consisting of polyamide 6 and polyamide 66, and the second component of the outer layer is a polyamide-homopolymer selected from the group consisting of polyamide 12, polyamide 11, polyamide 1010, polyamide 1212 and polyamide 1012.
- 61. (Previously Presented): A thermoplastic multilayer composite according to claim 26, wherein the polyamide homopolymer is a mixture of at least two components and wherein the first component of the outer layer is polyamide 6.

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62. (Previously Presented): A thermoplastic multilayer composite according to claim 61,

wherein the second component of the outer layer is polyamide 12.

63. (Cancelled)

64. (Previously Presented): A thermoplastic multilayer composite according to claim 26,

wherein the compatibilizer is in a proportion up to 30 parts in weight, with reference to the total

of the parts in weight of polyamides and compatibilizer.

65. (Previously Presented): A thermoplastic multilayer composite according to claim 64,

wherein the compatibilizer is in a proportion up to 20 parts in weight.

66. (Previously Presented): A thermoplastic multilayer composite according to claim 65,

wherein the compatibilizer is in a proportion in the range between 5-15 parts in weight.

67. (Previously Presented) A thermoplastic multilayer composite according to claim 26,

wherein the outer layer comprises a compatibilizer in a proportion in the range of 5-35 parts in

weight, with reference to the total of parts in weight of polyamides and compatibilizer.

68. (Previously Presented): A thermoplastic multilayer composite according to claim 67,

wherein the compatibilizer is in a proportion in the range between 8-30 parts in weight.

69. (Previously Presented): A thermoplastic multilayer composite according to claim 68,

wherein the compatibilizer is in a proportion in the range between 12-25 parts in weight.

70. (cancelled)

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71. (Currently Amended): A thermoplastic multilayer composite according to claim 70

26, wherein the compatibilizer of the outer layer is an acid-modified ethylene/α- olefin

copolymer.

72. and 73 (Cancelled)

74. (Previously Presented): A thermoplastic multilayer composite according to claim 26,

wherein the thermoplastic multilayer composite is in the form of a tubing.

75. (Previously Presented): A tubing according to claim 74, wherein the tubing is

suitable to be used with liquid fuel.

76. (Previously Presented): A thermoplastic multilayer composite according to claim 26,

wherein the thermoplastic multilayer composite is in the form of a filler neck for a fuel tank, a

fuel system vent pipe, or a vent pipe for a crankcase.

77. (Currently Amended): A thermoplastic multilayer composite in the form of a hollow

body having a hollow inner space, said hollow body comprising an inner radially exposed

surface and an outer radially exposed surface, the hollow body comprising an inner layer, a

supplemental inner layer providing the inner radially exposed surface, an intermediate layer, as

well as an outer layer providing the outer radially exposed surface,

wherein the inner layer is located immediately adjacent to the intermediate layer and

immediately adjacent to the supplemental inner layer and the inner radially exposed surface is

immediately adjacent to and defining the hollow inner space, and wherein the intermediate layer

is located immediately adjacent to the outer layer,

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wherein the inner layer comprises is consisting of a mixture of different polyamide-homopolymers and a compatibilizer, said compatibilizer being selected from the group consisting of: impact strength modifiers, elastomers and rubbers,

wherein the supplemental inner layer emprises is consisting of a mixture of different polyamide-homopolymers and a compatibilizer as well as additives that lead to electrical conductivity, said compatibilizer (1) being selected from the group consisting of: impact strength modifiers, elastomers and rubbers and (2) having no ethylene/vinyl alcohol-copolymer,

wherein the intermediate layer comprises is consisting of ethylene/vinyl alcohol-copolymer, and

wherein the outer layer comprises is consisting of a mixture of different polyamide-homopolymers and a compatibilizer, said compatibilizer (1) being selected from the group consisting of: impact strength modifiers, elastomers and rubbers and (2) having no ethylene/vinyl alcohol-copolymer.

78. (Currently Amended): A thermoplastic multilayer composite in the form of a hollow body having a hollow inner space, said hollow body comprising an inner radially exposed surface and an outer radially exposed surface, the hollow body comprising an inner layer providing the inner radially exposed surface, an intermediate layer, as well as an-outer layer,

wherein the inner layer is located immediately adjacent to the intermediate layer and the inner radially exposed surface is immediately adjacent to and defining the hollow inner space, and wherein the intermediate layer is located immediately adjacent to the outer layer,

wherein the inner layer emprises is consisting of a mixture of different polyamide homopolymers and a compatibilizer, said compatibilizer (1) being selected from the group consisting of: impact strength modifiers, elastomers and rubbers and (2) having no ethylene/vinyl alcohol-copolymer,

wherein the intermediate layer comprises is consisting of ethylene/vinyl alcohol-copolymer, and

wherein the outer layer comprises a thermoplastic.

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79. (Currently Amended): A thermoplastic multilayer composite according to claim 78,

wherein the outer layer emprises is consisting of a mixture of different polyamide-

homopolymers and a compatibilizer, said compatibilizer (1) being selected from the group

consisting of: impact strength modifiers, elastomers and rubbers and (2) having no ethylene/vinyl

alcohol-copolymer.

80. (Previously Presented): A thermoplastic multilayer composite according to claim 79,

wherein the outer layer provides the outer radially exposed surface of the hollow body.

81. (Currently Amended): A thermoplastic multilayer composite in the form of a hollow

body having a hollow inner space, said hollow body comprising an inner radially exposed

surface and an outer radially exposed surface, the hollow body comprising an inner layer, an

intermediate layer, as well as an outer layer providing the outer radially exposed surface,

wherein the inner layer is located immediately adjacent to the intermediate layer and the

inner radially exposed surface is immediately adjacent to and defining the hollow inner space,

and wherein the intermediate layer is located immediately adjacent to the outer layer,

wherein the inner layer comprises a thermoplastic,

wherein the intermediate layer comprises is consisting of ethylene/vinyl alcohol-

copolymer, and

wherein the outer layer comprises is consisting of a mixture of different polyamide-

homopolymers and a compatibilizer, wherein said compatibilizer (1) being selected from the

group consisting of: impact strength modifiers, elastomers and rubbers and (2) having no

ethylene/vinyl alcohol-copolymer.

82. (Currently Amended): A thermoplastic multilayer composite according to claim 81,

wherein the inner layer comprises a mixture of different polyamide homopolymers and a

compatibilizer, wherein said compatibilizer (1) being selected from the group consisting of:

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impact strength modifiers, elastomers and rubbers and (2) having no ethylene/vinyl alcohol-copolymer.

83. (Previously Presented): A thermoplastic multilayer composite according to claim 82, wherein the inner layer provides the inner radially exposed surface of the hollow body.